

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	416	375/367.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/29 07:50
S2	1756	375/240.24.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:08
S3	191	375/333.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:06
S4	1040	375/267.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 12:56
S5	1536	375/130.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 12:56
S6	210	375/136.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 12:57
S7	2	S2 and (MIMO)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 12:59
S8	781	S2 and (multiple transmit\$5 and receiv\$ same antenna)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:09
S9	11	S8 and (crc)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:18
S10	17997	(first data block) same (second data block) same diversity	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:53
S11	9253	S10 and (assign\$3 or allocat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:22

S12	8527	S11 and (block coding or encod\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:23
S13	5991	S12 and (divid\$3 or segment\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:25
S14	4962	S13 and (transmit\$5 antenna)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:26
S15	1357	S14 and (attach CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:55
S16	3	S15 and S1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:30
S17	0	(first adj data adj block) same (second adj data adj block) same diversity	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:54
S18	0	(first adj1 data adj1 block) same (second adj1 data adj1 block) same diversity	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:55
S19	3654	S14 and (attach\$3 or append\$3 CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:30
S20	8	S19 and S1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:27
S21	4469	S2 S4 S5 S6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:27
S22	183	S21 and S19	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:28
S23	2	S20 and "455"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:28
S24	5	S20 and "370"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:32

S25	1	"06961388"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:37
S26	193	(antenna selection) same (segment\$5 adj data) and (allocat\$3 or assign\$3 adj data) and (channel estimat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/29 11:17
S27	103	S26 and (append or attach cyclic\$3 prefix or CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/17 12:52
S28	2098	(data adj block) same (CRC or dummy)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:53
S29	21	S28 and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:53
S30	0	(channel adj estimat\$3) same (feedback adj 1 transfer\$3) same (reception adj unit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/29 07:56
S31	2	(channel adj estimat\$3) same (feedback) same (reception adj unit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/29 08:09
S32	1	(channel adj estimat\$3) same (transmit\$5 near3 notification) same (reception adj unit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/29 08:10
S33	4	(channel adj estimat\$3) same (transmit\$5 near3 notification)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/29 08:38
S34	16	(channel adj estimat\$3) same (transmit\$5 near3 notificat\$4 or acknowledg\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/29 08:39
S35	193	(antenna selection) same (segment\$5 adj data) and (allocat\$3 or assign\$3 adj data) and (channel estimat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/29 14:10
S36	103	S35 and (append or attach cyclic\$3 prefix or CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 09:27

S37	193	(antenna selection) same (segment\$5 adj data) and (allocat\$3 or assign\$3 adj data) and (channel estimat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 09:28
S38	103	S37 and (append or attach cyclic\$3 prefix or CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 09:28
S39	51	S38 and (antenna near\$3 selection)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 09:45
S40	60	(antenna adj selection) same MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 09:49
S41	1	S40 and (data near block\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 09:50
S42	31	S40 and (data same block\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 09:50
S43	207	(antenna selection) same (segment\$5 adj data) and (allocat\$3 or assign\$3 adj data) and (channel estimat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/17 12:53
S44	127	S43 and (append or attach cyclic\$3 redundancy or CRC same different\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/17 13:58
S45	2884933	(attach or append\$3 cyclic\$3 redundancy or CRC adj2 different\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/17 13:59
S46	4802492	(attach\$3 or append\$3 cyclic\$3 redundancy or CRC adj2 different\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/17 14:00
S47	2567	S46 and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:27
S48	248	S47 and (data adj1 block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/17 14:01

S49	248	S47 and (data adj block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/17 15:29
S50	46	S49 and (NACK or ACK or NAK)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/17 15:30
S51	4802492	(attach\$3 or append\$3 cyclic\$3 redundancy or CRC adj2 different\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:27
S52	0	S51 and MIMO and HARK	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:28
S53	616	HARK	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:28
S54	262	S53 and (attach\$3 or append\$3 CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:31
S55	0	S54 and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:31
S56	2	"20040114529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 08:25
S57	2490	(cyclic redundancy or CRC) same (DATA adj1 block\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 08:51
S58	2076	375/240.24.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 08:52
S59	940	S58 and (multiple transmit\$5 and receive\$5 same antenna)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 08:52
S60	3	S57 and S59	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 08:52
S61	2490	S57 and (segment data block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:00

S62	2133	S61 and (attach\$3 CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:01
S63	2490	S61 and (attach\$3 CRC to each data)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:02
S64	2490	S61 and (attach\$3 CRC near each data)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:02
S65	779	S61 and (attach\$3 CRC near each adj1 data adj1 block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:03
S66	0	S61 and (attach\$3 adj1 CRC near (each adj1 data adj1 block))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:04
S67	0	S61 and (attach\$3 near2 CRC near (each adj1 data adj1 block))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:05
S68	0	S61 and (attach\$3 same CRC near each adj1 data adj1 block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:05
S69	779	S61 and (attach\$3 or add\$4 same CRC near each adj1 data adj1 block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:06
S70	1713	S61 and (attach\$3 or append\$3 or add\$4 same CRC near each adj1 data adj1 block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:09
S71	2260	S61 and (attach\$3 or append\$3 or add\$4 CRC near each adj1 data adj1 block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:11
S72	2260	S61 and (attach\$3 or append\$3 or add\$4 CRC near (each adj1 data adj1 block))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/25 09:12
S73	2911	711/114.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/30 17:50
S74	165	S73 and (data protection) and CRC	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/30 17:50

S75	162	S74 and (independent \$4 attached or add\$3 or append\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/30 17:51
S76	1	"20020161972".PN.	US-PGPUB	OR	ON	2008/03/30 17:53
S77	1	"6981171".PN.	USPAT; USOCR	OR	ON	2008/03/30 17:54
S78	1	"6901551".PN.	USPAT; USOCR	OR	ON	2008/03/30 17:55
S79	1256	714/763.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/30 18:17
S80	118	S79 and (data protection) and CRC	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/30 18:18
S81	105	S80 and (independent \$4 attached or add\$3 or append\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/30 18:18
S82	1337	714/763.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/13 16:12
S83	130	S82 and (data protection) and CRC	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/13 16:12
S84	115	S83 and (independent \$4 near5 attached or add\$3 or append\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/13 16:12
S85	114	S83 and (independent \$4 near5 attached or add\$3 or append\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/13 16:12
S86	114	S83 and (independent \$4 near3 attached or add\$3 or append\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/13 16:12
S87	130	S83 and (independent \$4 near3 attached or add\$3 or append\$3 Cyclical redundancy or CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/13 16:13

S88	130	S83 and (independent \$4 near3 attached or add\$3 or append\$3 same Cyclical redundancy or CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/13 16:13
S89	0	"055707035"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/13 18:21
S90	2	"055707035"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/13 18:21
S91	456	375/367.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/31 11:04
S93	5901	(first near2 data near2 block) and (second near2 data near2 block) and (multiple input multiple output or MIMO)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/31 11:06
S94	0	S91 and S93	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/31 11:07
S95	780	S93 and "375"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/31 11:07
S96	342	S95 and (cyclic redundancy check or CRC)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/31 11:09
S97	39	S96 and (dummy)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/31 11:09
S98	17	(aassign\$4 or allocat\$3 near3 data near block \$1 near3 (dummy or redundant))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 14:32
S99	12	((attach\$3 or insert\$3) near3 (cyclic adj redundancy adj check or CRC)) same (data near1 block\$1) and (multiple near input near multiple near output or MIMO)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 09:29



S100	0	EP001271874	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 10:02
S101	5939017	EP "001271874"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 10:02
S102	0	EP-001271874	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 10:02
S103	2	((attach\$3 or insert\$3 or allocat\$3) near2 (dummy adj bit\$1)) same (antenna\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 10:19
S104	27	((attach\$3 or insert\$3) near3 (cyclic adj redundancy adj check or CRC)) and ((dummy or null) adj bit) and antenna\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 10:31
S105	3	((allocat\$4 or assign\$4) near3 (data adj block)) and ((dummy or null) adj bit) same antenna \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:00
S106	3	((allocat\$4 or assign\$4) near5 (data adj block)) and ((dummy or null) adj bit) same antenna \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:03
S107	3	((allocat\$4 or assign\$4) near5 data adj block) and ((dummy or null) adj bit) same antenna \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:03
S108	3	((allocat\$4 or assign\$4 or attach\$4) near5 data adj block) and ((dummy or null) adj bit) same antenna\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:04
S109	79	((allocat\$4 or assign\$4 or attach\$4) near5 data adj block) and ((dummy or null) adj bit or word or sequence) same antenna\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:04
S110	2997	transmit\$5 near3 ((dummy or null) adj bit or sequence) same antenna\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:40

S111	4	transmit\$5 near3 ((dummy or null) adj (bit or sequence)) same antenna\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:41
S112	1806	375/267.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/03 11:43
S113	636	375/299.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/03 11:43
S114	3507	375/260.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/03 11:44
S115	5408	S112 S113 S114	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/03 11:44
S116	465	S110 and S115	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/03 11:44
S117	2425786	(good or bad near3 channel near status)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:45
S118	150	((good or bad) near3 channel) near status)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:46
S119	2	S116 and S118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:46
S120	1	"20040184398".PN.	US-PGPUB	OR	ON	2009/06/03 11:48
S121	1	"20040105489".PN.	US-PGPUB	OR	ON	2009/06/03 11:49
S122	1	"20030026349".PN.	US-PGPUB	OR	ON	2009/06/03 11:50
S123	1	"20020012380".PN.	US-PGPUB	OR	ON	2009/06/03 11:51
S124	1	"7107021".PN.	USPAT; USOCR	OR	ON	2009/06/03 11:53
S125	12	transmit\$5 near3 ((dummy or null or zero) adj (bit or sequence)) same antenna\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:56

S126	18	S112 and (dummy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 12:07
S127	0	(allocat\$4 or assign\$4 or allot or designat\$3) near3 ((dummy or null) adj bit) same antenna \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 08:09
S128	9	((allocat\$4 or assign\$4 or allot or designat\$3) near3 dummy or null adj bit) same antenna \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 08:10
S129	6	(allocat\$4 or assign\$4 or allot or designat\$3) near3 ((dummy or null) adj bit) and antenna\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 08:14
S130	3675390	allocat\$4 or assign\$4 or allot or designat\$3 dummy bit antenna\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:08
S131	3675390	(allocat\$4 or assign\$4 or allot or designat\$3 dummy bit antenna\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:08
S132	6518189	(allocat\$4 or assign\$4 or allot or designat\$3 dummy bit to plurality of antenna\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:08
S133	5571403	(allocat\$4 dummy bit to plurality of antenna \$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:09
S134	204	375/363.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:10
S135	182	S131 and S134	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:11
S136	14	S135 and (data near block)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:11
S137	182	S133 and S134	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:16

S138	29	S137 and (data near2 block)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:17
S139	86135	S133 and "375"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:20
S140	16602	S139 and (data near2 block)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:20
S141	10874	S139 and (data near block)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:20
S142	210	S141 and (channel near2 status)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:22
S143	7	S142 and MIMO	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:22
S144	1	"6956907".PN.	USPAT; USOCR	OR	ON	2009/06/04 10:23
S145	1	"6956907".PN.	USPAT; USOCR	OR	ON	2009/06/04 10:24
S146	0	(data near block near allocat\$3) same (plurality near1 antenna\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:25
S147	2	(data near block near allocat\$3) and (plurality near1 antenna\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:25
S148	10	(data near2 block near2 allocat\$3) and (plurality near2 antenna\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:26
S149	480	V-blast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:34
S150	7	S149 and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:34

S151	71	S149 and (dummy or null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:37
S152	117	transmit\$4 near2 (dummy adj bit\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:51
S153	92	S152 and (block)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:52
S154	25	S153 and allocat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 10:52
S155	1807	375/267.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/05 15:11
S156	25	S155 and (dummy or filler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 15:11
S157	3	"05507035", "05563895"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 16:30
S158	3	(allocat\$4 or assign\$4) near3 (data adj block) and ((dummy or null) adj bit) same antenna \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 21:41
S159	9	(antenna\$2 near3 Channel near1 status) same (good or bad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/06 10:04
S160	20	(antenna\$2 near3 Channel near1 status) and (good or bad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/06 10:10
S161	477	714/807.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/06 10:17
S162	4	S161 and (channel near3 status\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/06 10:17

S163	182	S161 and (antenna channel status\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/06 10:19
S164	1	S161 and (antenna same channel same status\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/06 10:20
S165	23	(first near2 data near2 block) and (second near2 data near2 block) same diversity	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/06 21:19
S166	3122	(cyclic redundancy or CRC) same (DATA adj1 block\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/04 11:29
S167	3122	S166 and (segment data block)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/04 11:29
S168	2185	S167 and (attach\$3 or append\$3 or add\$4 near3 CRC near1 (each adj1 data adj1 block))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/04 11:29
S169	3	((allocat\$4 or assign\$4) near3 (data adj block)) and ((dummy or null) adj bit) same antenna \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 11:31
S170	30	(transmit\$5 near2 (only or just) near2 dummy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 11:52
S171	0	((assign\$4 or allocat\$3) near1 (dummy or fill\$3) near1 bit) same (channel near1 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:20
S172	0	((assign\$4 or allocat\$3) near3 (dummy or fill\$3) near1 bit) same (channel near1 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:21
S173	0	(assign\$4 or allocat\$3) near3 (dummy or fill\$3) near1 bit) same (channel near1 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:22
S174	0	(assign\$4 or allocat\$3) near5 (dummy or fill\$3) near1 bit) same (channel near1 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:22

S175	1410	(assign\$4 or allocat\$3) near5 (dummy or fill\$3 near1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:22
S176	757	(assign\$4 or allocat\$3) near2 (dummy or fill\$3 near1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:23
S177	1	(assign\$4 or allocat\$3) near2 (dummy or fill\$3 near1 bit) and (bad near3 channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:24
S178	14	(assign\$4 or allocat\$3) near2 (dummy or fill\$3 near1 bit) and (channel near2 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:28
S179	5	(assign\$4 or allocat\$3) near2 (dummy or fill\$3) near1 bit and (channel near2 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:38
S180	47	(assign\$4 or allocat\$3) near2 (dummy or fill\$3) near1 bit and (channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 19:39
S181	5	"2002058493", "06839559"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 22:38
S182	3	"2002058493", "06839559"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/04 22:39
S183	5	((attach\$3 or insert\$3 or allocat\$3) same (dummy adj bit\$1)) same (antenna\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 21:36
S184	5	((attach\$3 or insert\$3 or allocat\$3 or assign \$3) same (dummy adj bit\$1)) same (antenna \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 22:21
S185	3325	((attach\$3 or insert\$3 or allocat\$3 or assign \$3) same (dummy adj data or bit\$1)) same (antenna\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 22:21
S186	0	((attach\$3 or insert\$3 or allocat\$3 or assign \$3) same (dummy adj data or bit\$1)) same (channel near status near1 antenna\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 22:23

S187	0	((attach\$3 or insert\$3 or allocat\$3 or assign \$3) same (dummy adj data or bit\$1)) same (channel near2 status near1 antenna\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 22:23
S188	43	((attach\$3 or insert\$3 or allocat\$3 or assign \$3) same (dummy adj data or bit\$1)) same (channel same status same antenna\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 22:23
S189	25	(dummy near bit\$1 near3 (Cyclic adj redundancy or CRC))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/13 13:23

**3/ 13/ 2011 6:34:19 PM**

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